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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/549461 ✓
	Filing Date	September 12, 2005
	First Named Inventor	Takuo SAKAI
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	4344-052776

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kent E. Baldauf The Webb Law Firm
Signature	
Date	January 17, 2006

**CERTIFICATE OF TRANSMISSION/MAILING**

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Typed or printed name	Diane Paull		
Signature		Date	Jan. 17, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/549,461 Confirmation No.  
Applicant : Takuo SAKAI  
Filed : September 12, 2005  
Title : Antibacterial Pectocellulose  
Art Unit : Not assigned yet  
Examiner :  
Customer No. : 28289

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby submits this Information Disclosure Statement together with a completed Form PTO/SB/08A. Pursuant to 37 CFR §1.98, no copies of the United States patents are enclosed.

This application is the United States national phase of PCT Application No. PCT/JP2004/002789. The International Search Report dated June 29, 2004, for the underlying PCT application identified the first seven Japanese references listed on Form PTO/SB/08A. Copies of those references are not being submitted with this Information Disclosure Statement as they should have been received by the United States Patent and Trademark Office in the national phase. The degree of relevance

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\_\_\_\_\_  
Diane Paull  
(Name of Person Mailing Paper)

*Diane Paull*  
\_\_\_\_\_  
Signature

1/17/2006  
\_\_\_\_\_  
Date

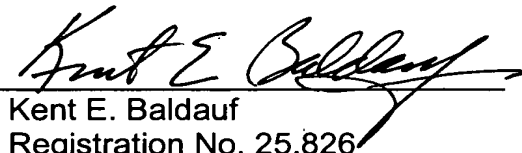
for those first seven Japanese references listed on Form PTO/SB/08A is indicated in the International Search Report. A copy of the International Search Report is enclosed for the Examiner's convenience. Applicant points out that two of the Japanese references have an English-language equivalent, namely, JP 2002-510756 is equivalent to WO 99/51808, and JP 2002-521462 is equivalent to U.S. Patent No. 6,042,877.

The remaining two references are discussed on page 3 of the instant specification and are relevant for the reasons discussed therein, and copies are enclosed herewith.

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,  
THE WEBB LAW FIRM

By



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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/549,461
				Filing Date	Sept. 12, 2005
				First Named Inventor	Takuo SAKAI
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	4344-052776

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 4,820,520 B1	04-11-1989	Yokotsuka et al.	
		US- 6,042,877 B1	03-28-2000	Lyon et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP(1979) 54-160900 A	12-19-1979	Nippon Oil Co. Ltd.		
		JP(1940) 15-1237 B1	03-20-1940	Teikoku Seima KK		
		JP(1982) 57-163477 A	10-07-1982	Asama Chemical Co.		
		JP(1982) 57-163478 A	10-07-1982	Asama Chemical Co.		
		JP(2002) 2002-510756 A	04-09-2002	Nobozaimusu	Equiv. WO 99/51808	
		JP(1983) 58-220877 A	12-22-1983	Mitsubishi Rayon Co.		
		JP(2002) 2002-521462 A	07-16-2002	Minnesota Mining & Mfg	Equiv. US. 6042877	
		WO 99/51808 A1	10-14-1999	Nobozaimusu		
		JP(2000) 2000-355880 A	12-26-2000	Toho Rayon Co., Ltd.		
		JP(2000) 2000-204182 A	07-25-2000	National Institute of Sericultural & Entomological Science		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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